

In the Claims:

1. (Currently Amended) A composition comprising [[the *E. coli*]] a MurG protein in crystalline form wherein the MurG protein is a bacterial membrane associated UDP-glycosyltransferase which mediates peptidoglycan biosynthesis.
2. (Currently Amended) A composition according to claim 1 [[comprising a]] wherein the MurG protein comprises at least 90% of the residues selected from the group consisting of G14, G15, G18, H19, G104, H124, E125, G190, G191, S192, G194, A195, R261, G263, A264, E269, P281, Q289, N292 and A293 of SEQ ID NO:1 [[in crystalline form]].

3-146. (Cancelled)

147. (New) A composition according to claim 1 comprising MurG crystal molecules arranged in a P1 space group with two molecules per assymmetric unit so as to form a unit cell of dimensions a=60.613 Å, b=66.356 Å, c=67.902 Å,  $\alpha=64.294$ ,  $\beta=83.520$ ,  $\gamma=65.448$ .

148. (New) A composition according to claim 1 wherein the MurG protein is at least about 90% identical to SEQ ID NO:1.

149. (New) A composition according to claim 148 wherein the MurG protein comprises SEQ ID NO:1.